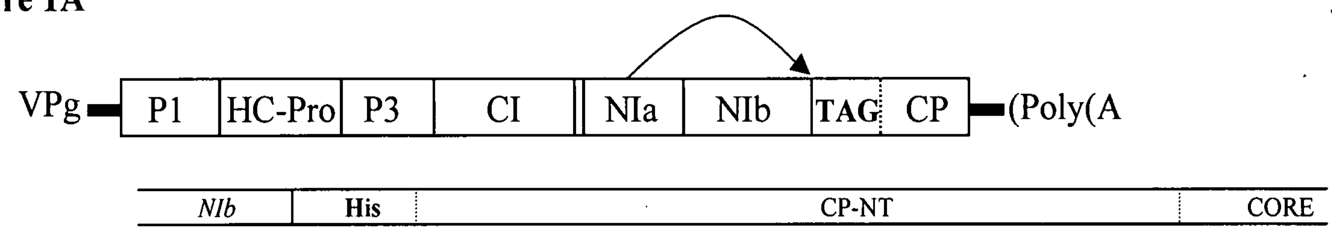
Figure 1A



AGII-His ..*DTVMLQ*/**SHHHHHH**SGTQPTVADTGATKKDKEDDK<u>GKNKDVT</u>GSGSSEKTVAAVTKDKD..

AGII-HisΔ8 ..*DTVMLQ*/**SHHHHHH**DTGATKKDKEDDKGKNKDVTGSGSSEKTVAAVTKDKD..

Figure 1B

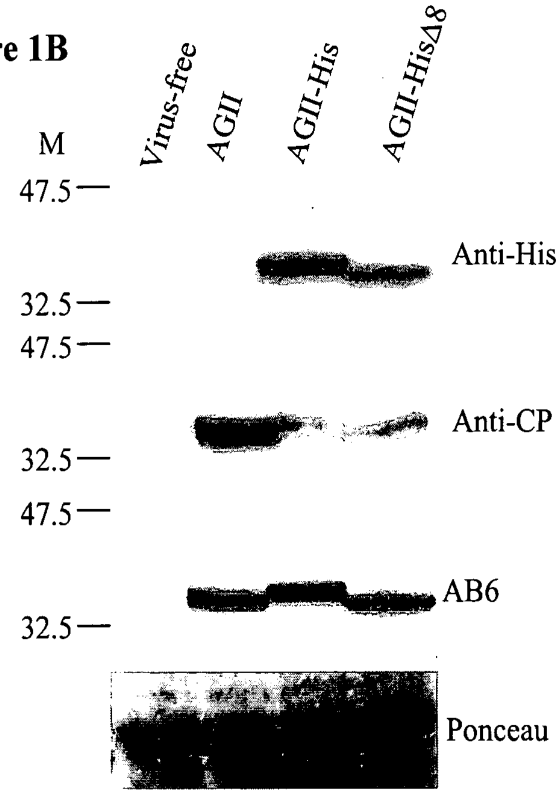


Figure 1C

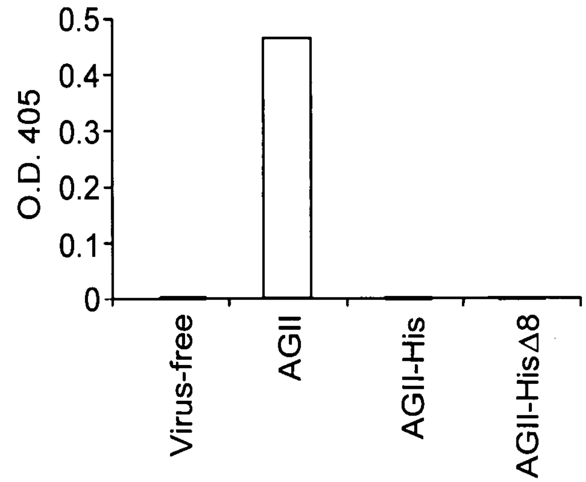


Figure 2A

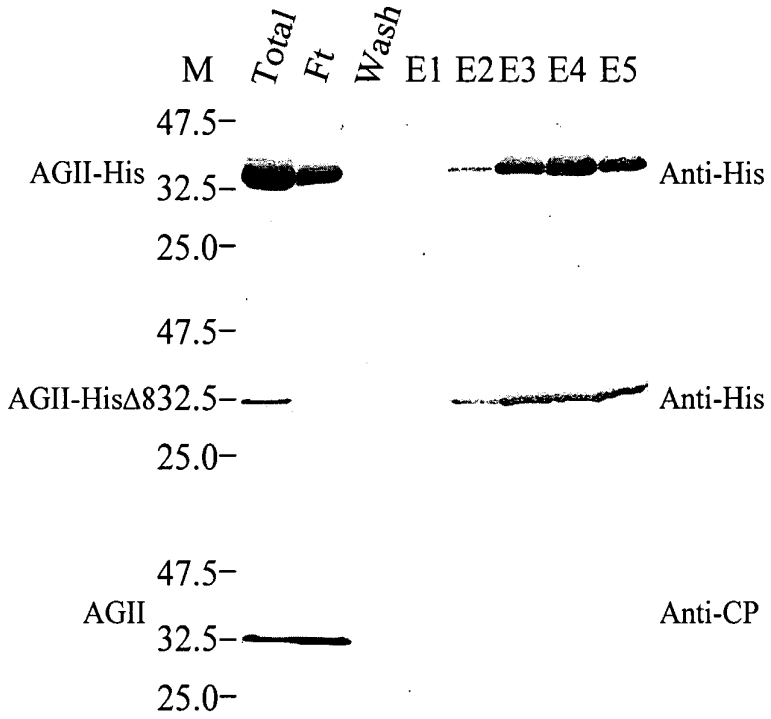


Figure 2B

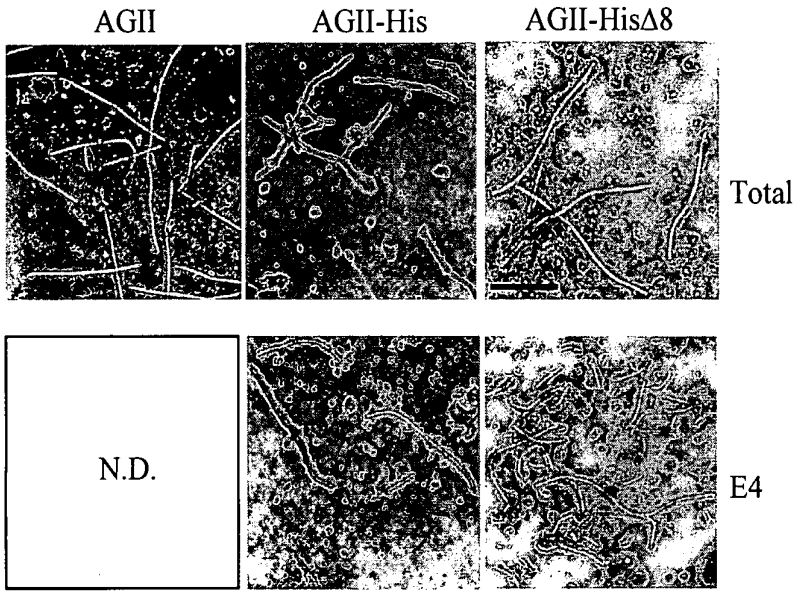


Figure 3A

Nlb	**Myc**	CP-NT	CORE

AGII-Myc ..*DTVMLQ/***SASEQKLISEEDLGS**SGTQPTVADTGATKKDKEDDKGKNKDVTGSGSSEKTVAAVTKDKDVNAGS..

Figure 3B

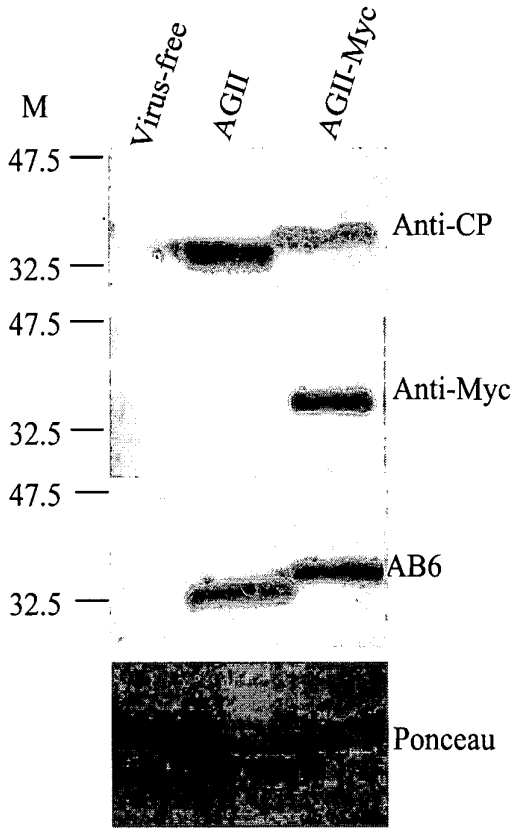


Figure 3C

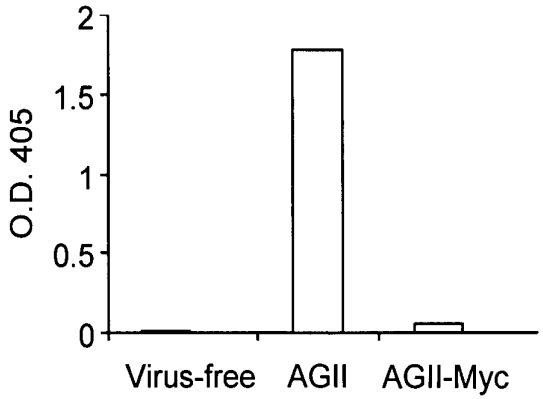


Figure 4A

	NIb	**Myc**	CP-NT	CORE

```
AGII-Myc-      ..DTVMLQ/SASEQKLISEEDLGSSGTQPTVADTGATKKDKEDDKGKNKDVTGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ8-         ..DTVMLQ/SASEQKLISEEDLGSDTGATKKDKEDDKGKNKDVTGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ13-             ..DTVMLQ/SASEQKLISEEDLGSKKDKEDDKGKNKDVTGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ18-                  ..DTVMLQ/SASEQKLISEEDLGSDDKGKNKDVTGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ23-                       ..DTVMLQ/SASEQKLISEEDLGSKDVTGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ28-                            ..DTVMLQ/SASEQKLISEEDLGSGSGSSEKTVAAVTKDKDVNAGS.
AGII-MycΔ33-                                 ..DTVMLQ/SASEQKLISEEDLGSEKTVAAVTKDKDVNAGS.
AGII-MycΔ38-                                      ..DTVMLQ/SASEQKLISEEDLGSAVTKDKDVNAGS.
AGII-MycΔ43-                                           ..DTVMLQ/SASEQKLISEEDLGSKDVNAGS.
AGII-MycΔ48-                                                ..DTVMLQ/SASEQKLISEEDLGSGS.
```

Figure 4B

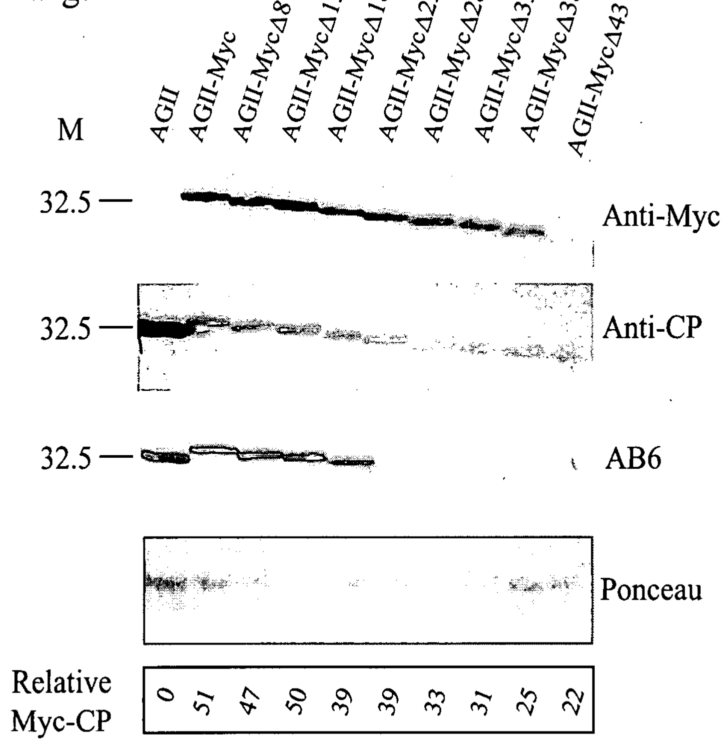


Figure 4C

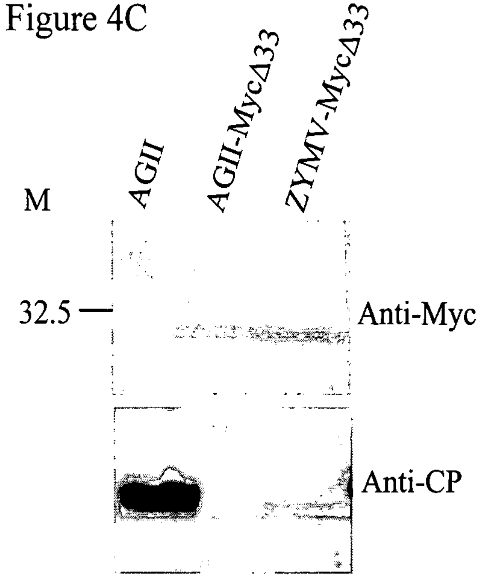


Figure 5A

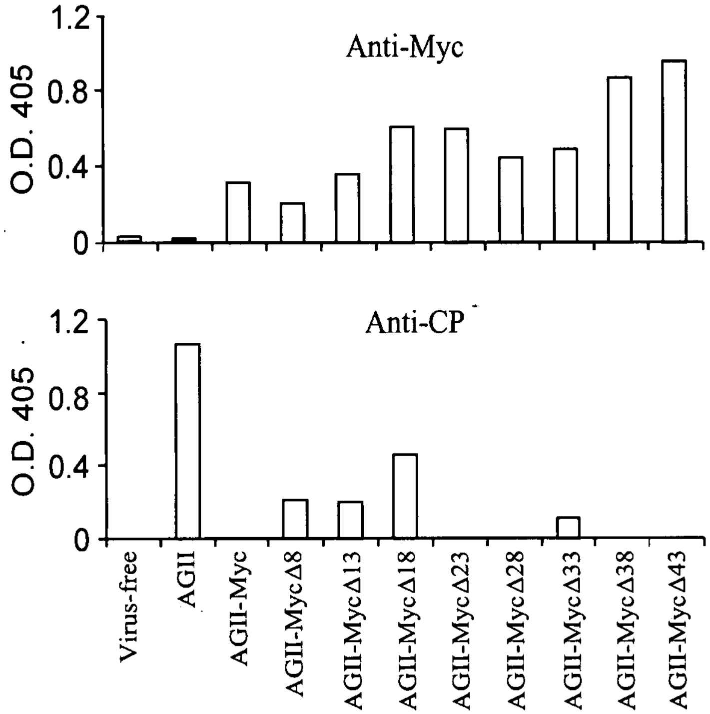


Figure 5B

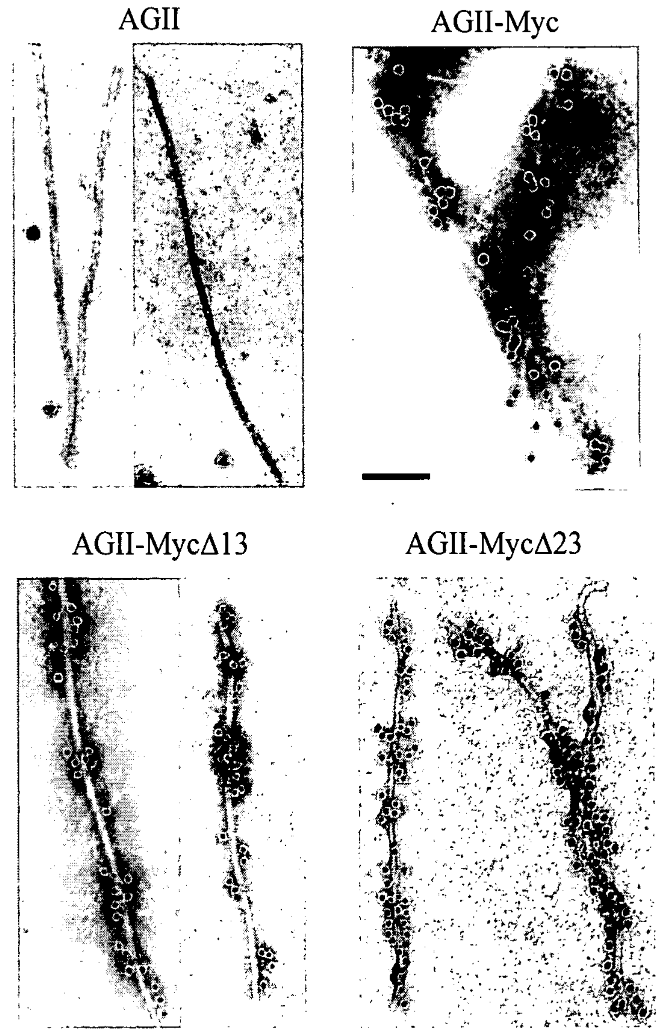


Figure 6A

AGII-FMDV	...*DTVMLQ*/**SVRGDLQVLARKAARPL**SGT...
AGII-FMDVΔ13-	...*DTVMLQ*/**SVRGDLQVLARKAARPL**KKD...
AGII-Myc-FMDVΔ13-	...*DTVMLQ*/SASEQKLISEEDLGS**VRGDLQVLARKAARPL**KKD...

Figure 6B

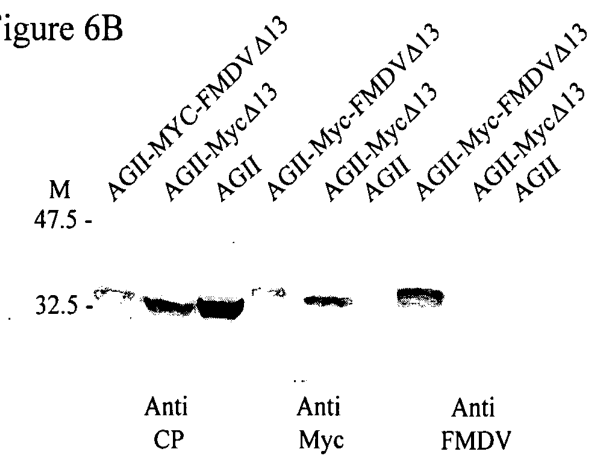


Figure 6C

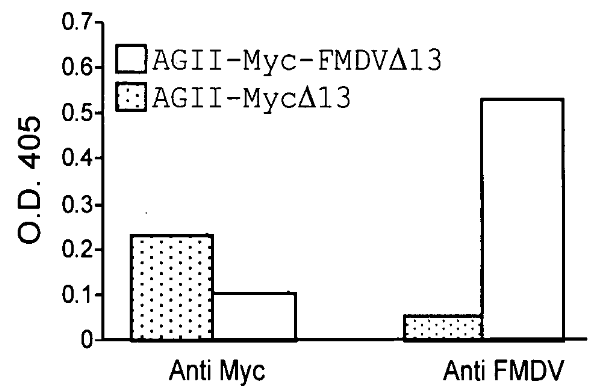


Figure 7